

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

08/31/2011

David Rubin
Assistant District Attorney, Middlesex County

Dear ADA Rubin,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Della Saunders.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Della Saunders was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts



**The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute**

Boston Drug
Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Boston Hours
8:00 – 11:00
2:00 – 4:00

Department of Public Health State Laboratory Institute

Amherst Drug
Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Amherst Hours
9:00 – 12:00
1:00 – 4:00

DRUG RECEIPT

City or Department: HIGHWAY POLICE Police Reference No.:

Police Reference No.:

Name and Rank of Submitting Officer: DET Frank W. PIAVE

Defendant(s) Name (last, first, initial)

Description of Samples	To be completed by Lab Personnel
Gross Weight	Lab Number
11 BAGS white powder	29.82 gm
20 BAGS white powder	26.39 gm
8 BAGS white powder	60.18 gm
23 BAGS white powder	26.94 gm

Received by:

Date:

3.1909

No. [REDACTED] Date Analyzed: 08-21-09
City: Malden Police Dept.
Officer: Detective FRANK SPINALE

Def: [REDACTED]
Amount: Subst: sub
No. Cont: 23 Cont: pb

Date Rec'd: 03/19/2009 No. Analyzed: 12

Gross Wt: 26.94g Net Wt: 21.16g
#Tests: 84 P/S

Prelim: COCAINE Findings: cocaine
24950

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY MaldenANALYST JPSNo. of samples tested: 12Balance V/K 8/14/09 Methine 11/14/09
99.9998g; 2000g; 1.000g Evidence Wt. 27.1396g**PHYSICAL DESCRIPTION:**Gross Wt (23g): 23.1698g

White powdery chunky substance contained in twenty-three (23) clear plastic bags with open twist ties contained in one clear sealed plastic bag

Gross Wt (): _____
Pkg. Wt: _____
Net Wt: 21.1653
(estimated See back)

PRELIMINARY TESTS12 Spot Tests

Cobalt Thiocyanate () +

Marquis —

Froehde's —

Mecke's —

12 Microcrystalline Tests

Gold Chloride +

TLTA () +

OTHER TESTS

PRELIMINARY TEST RESULTSRESULTS COCAINEDATE 8/14/0912 GC/MS CONFIRMATORY TESTRESULTS COCAINEMS OPERATOR ASDDATE 8/31/09

Sample #:

12 extap b/s 129887g

samples tested: 12

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	1.0412g	0.0973g	0.9439g	26			
2	1.0218g	0.1031g	0.9187g	27			
3	1.0296g	0.1027g	0.9269g	28			
4	1.0109g	0.1214g	0.9395g	29			
5	1.0520g	0.1123g	0.9397g	30			
6	1.1252g	0.1044g	1.0208g	31			
7	1.0484g	0.1046g	0.9438g	32			
8	0.9621g	0.1218g	0.8403g	33			
9	1.0138g	0.1055g	0.9083g	34			
10	0.9943g	0.1024g	0.8919g	35			
11	0.9239g	0.1099g	0.8140g	36			
12	1.0733g	0.1183g	0.9550g	37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

GROSS WT Packet WT Net WT

totals $12.3465g - 13037g = 11.0428g$

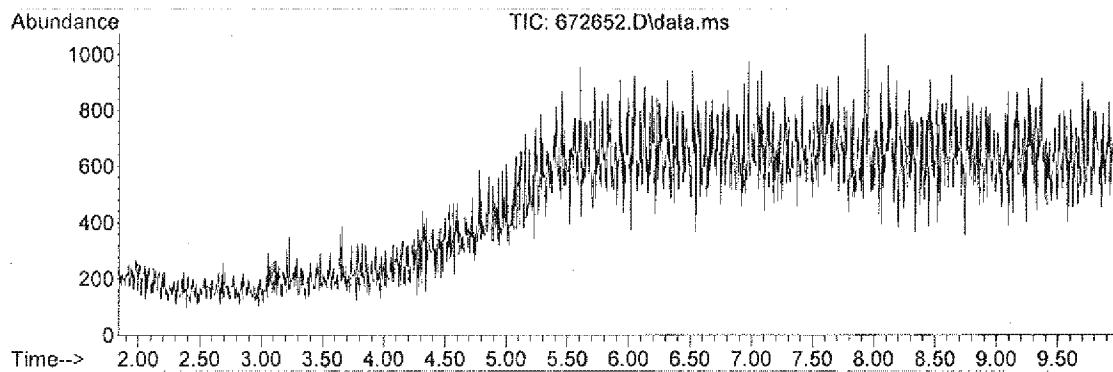
$\div 12 \quad 1.0288g - 0.1086g = 0.9202g$

$\times 3 \quad 0.9202g - 2.4988g = 21.1653g$

✓ net ok
CBS

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672652.D
Operator : DJR
Date Acquired : 20 Aug 2009 21:16
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



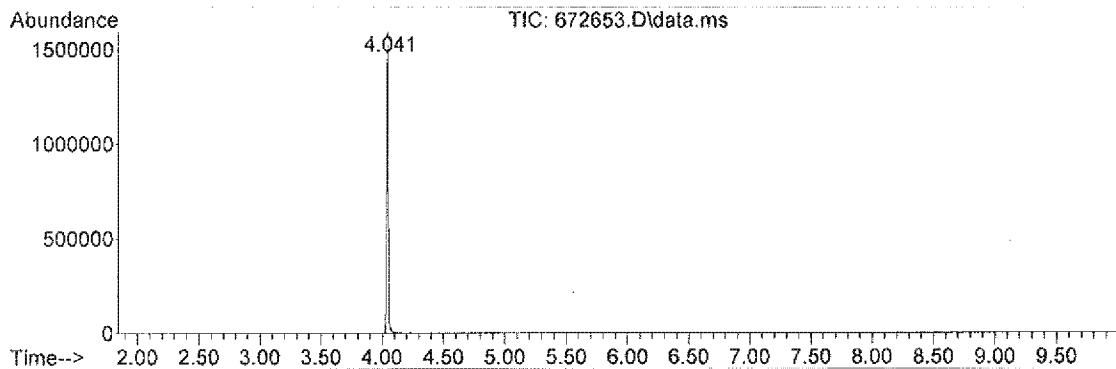
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672653.D
Operator : DJR
Date Acquired : 20 Aug 2009 21:30
Sample Name : COCAINE STD
Submitted by :
Vial Number : 53
AcquisitionMeth: DRUGS
Integrator : RTE



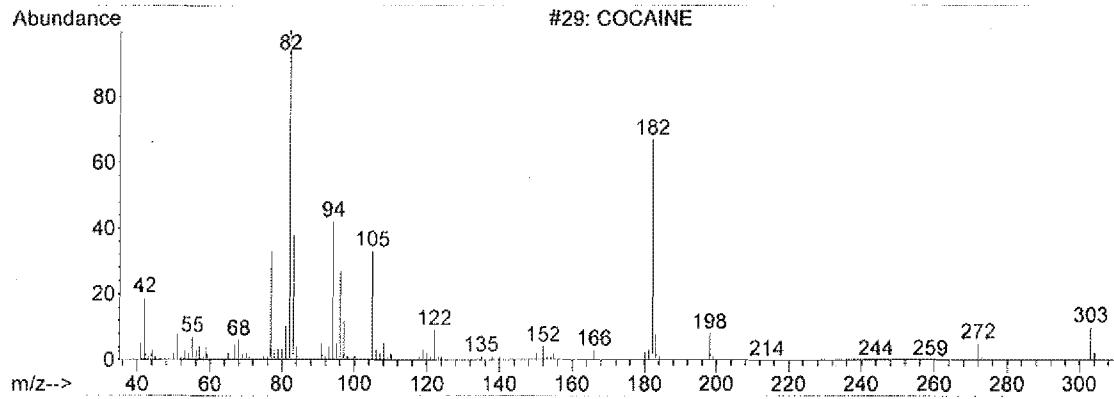
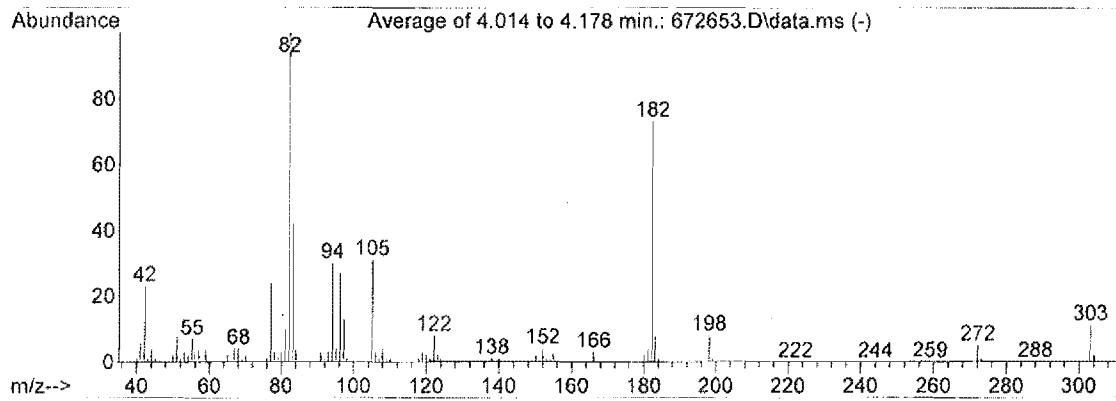
Ret. Time	Area	Area %	Ratio %
4.041	1440115	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672653.D
Operator : DJR
Date Acquired : 20 Aug 2009 21:30
Sample Name : COCAINE STD
Submitted by :
Vial Number : 53
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

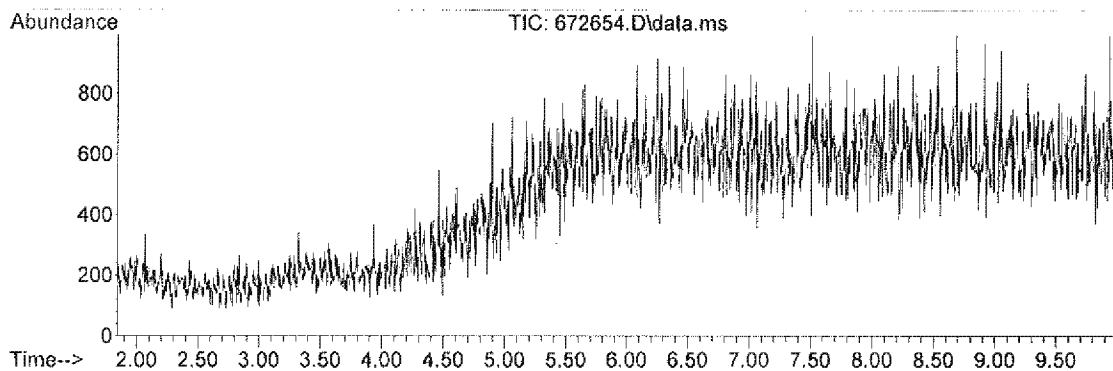
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672654.D
Operator : DJR
Date Acquired : 20 Aug 2009 21:44
Sample Name : BLANK
Submitted by : DCS
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



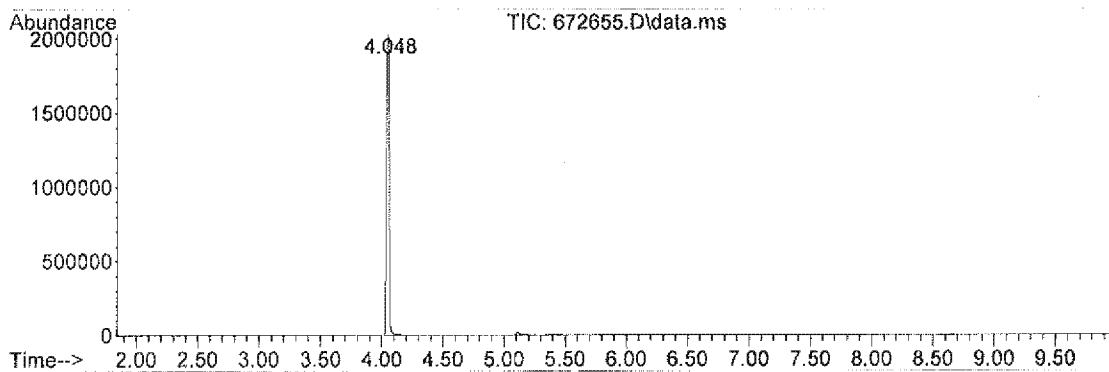
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672655.D
Operator : DJR
Date Acquired : 20 Aug 2009 21:58
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 55
AcquisitionMeth: DRUGS
Integrator : RTE



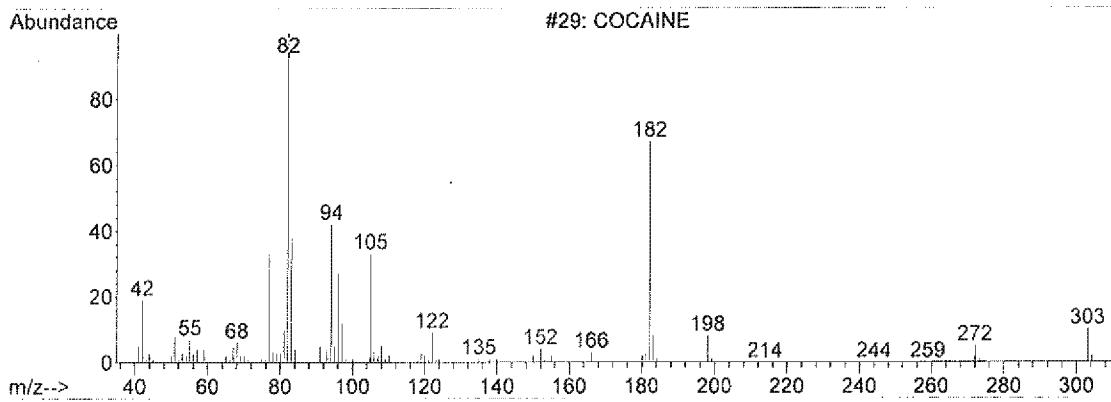
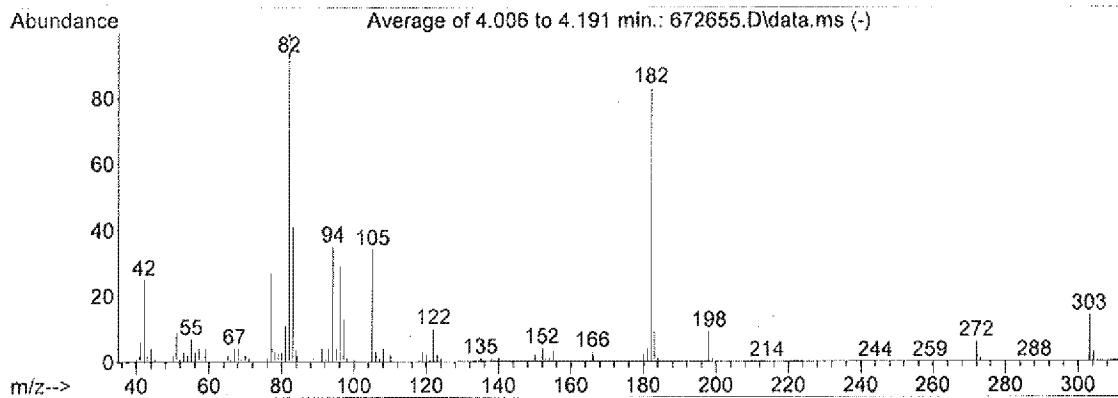
Ret. Time	Area	Area %	Ratio %
4.048	3332276	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672655.D
Operator : DJR
Date Acquired : 20 Aug 2009 21:58
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 55
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

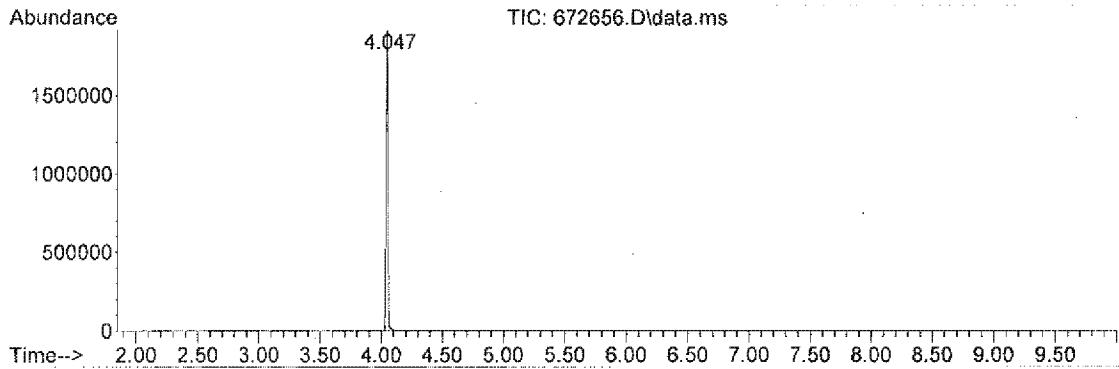
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672656.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:11
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 56
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.047	2131779	100.00	100.00

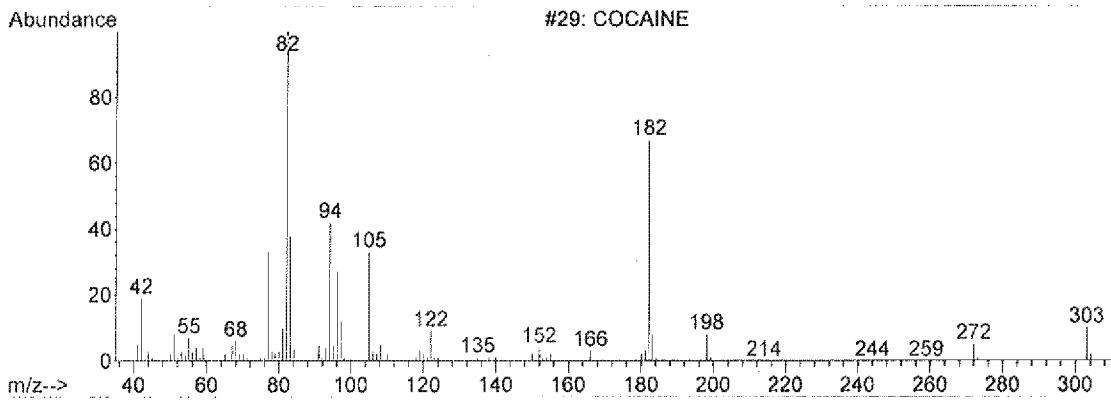
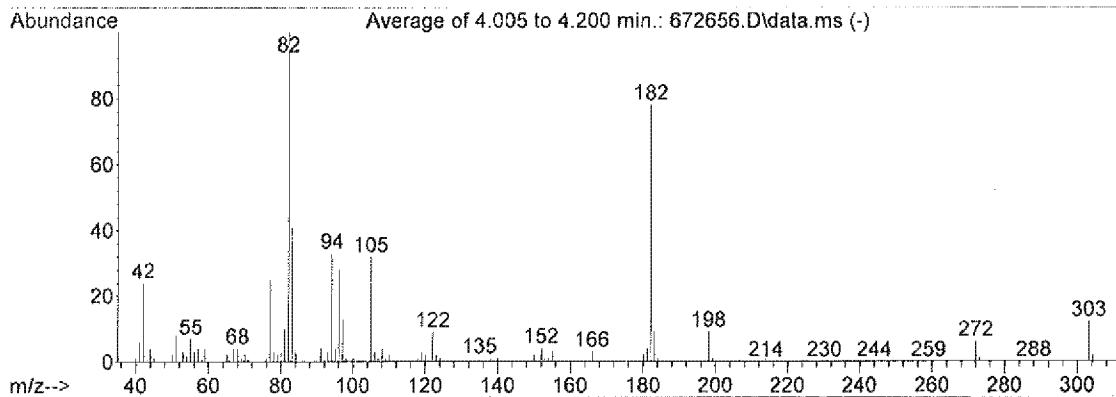
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672656.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:11
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 56
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

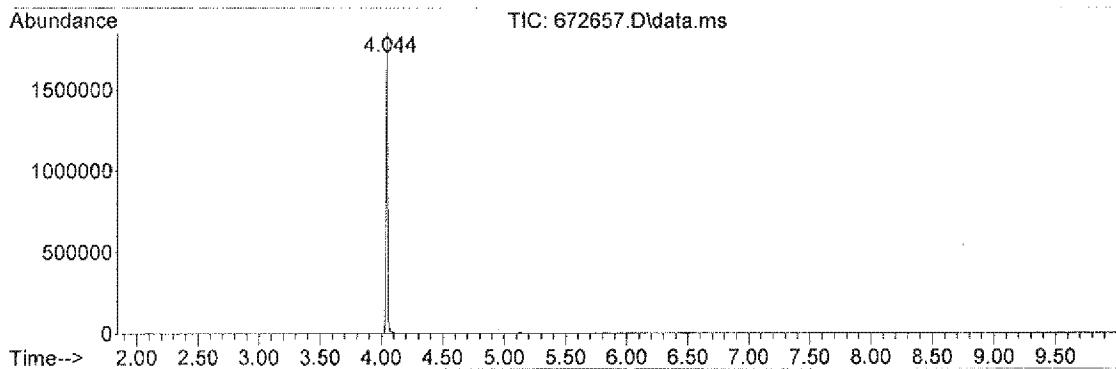
PK#	RT	Library/ID	CAS#	Qual
1	4.05	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672657.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:25
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 57
AcquisitionMeth: DRUGS
Integrator : RTE



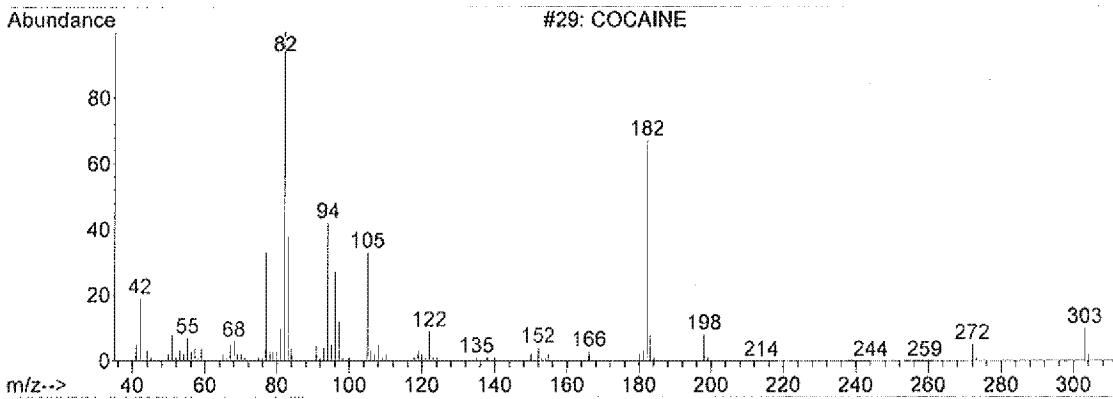
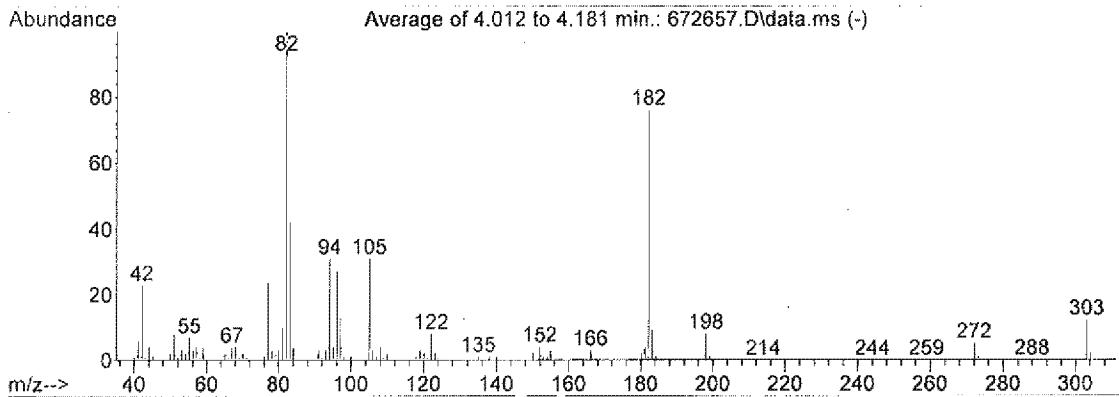
Ret. Time	Area	Area %	Ratio %
4.044	1695261	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672657.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:25
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 57
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

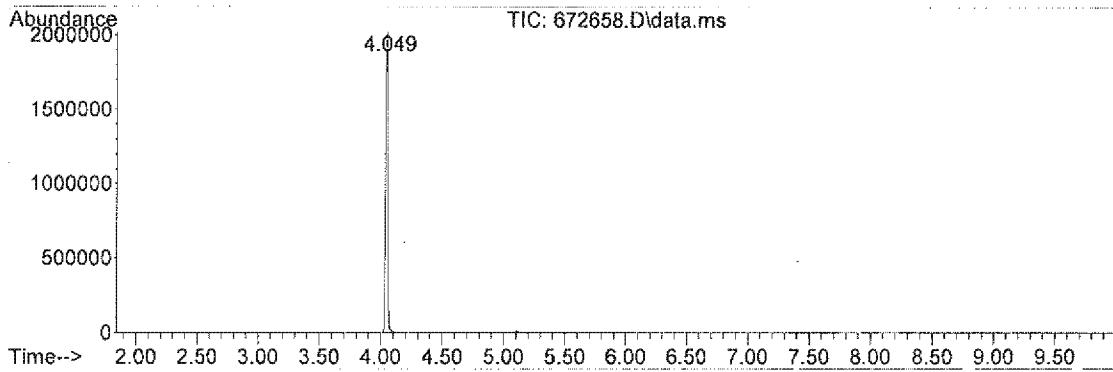
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672658.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:39
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 58
AcquisitionMeth: DRUGS
Integrator : RTE



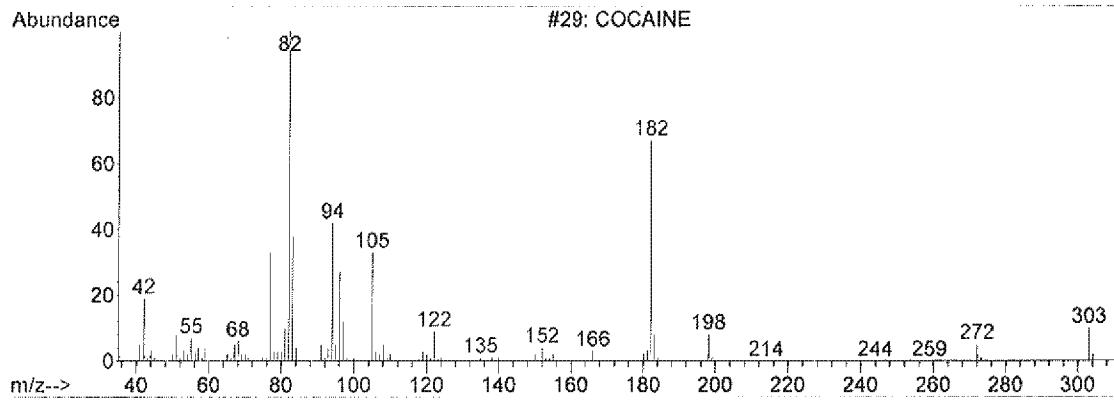
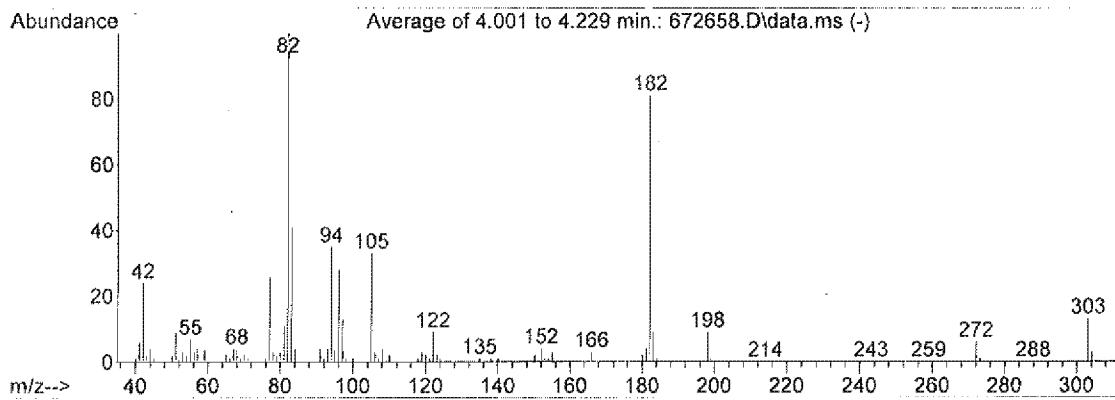
Ret. Time	Area	Area %	Ratio %
4.049	2824415	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672658.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:39
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 58
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

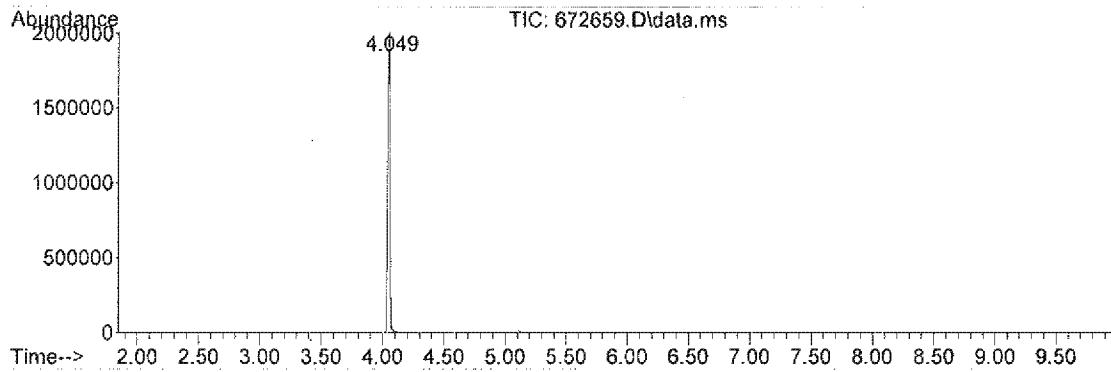
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672659.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:53
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 59
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.049	2859706	100.00	100.00

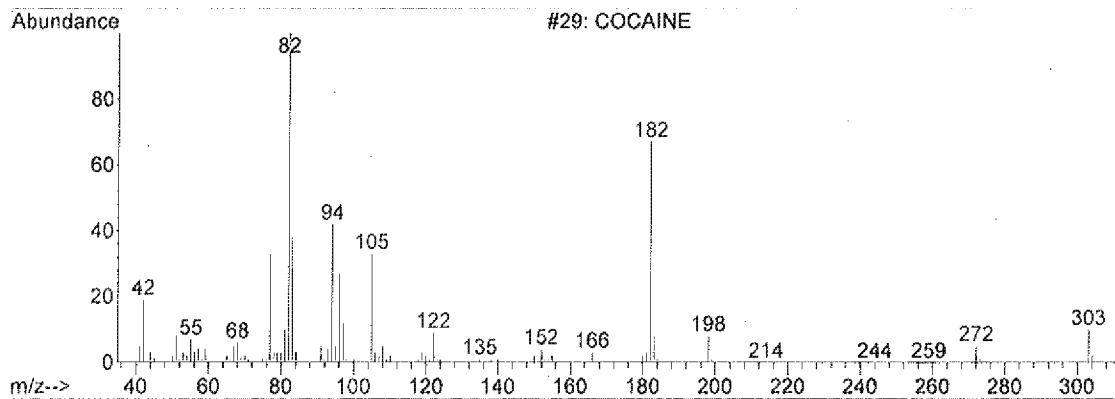
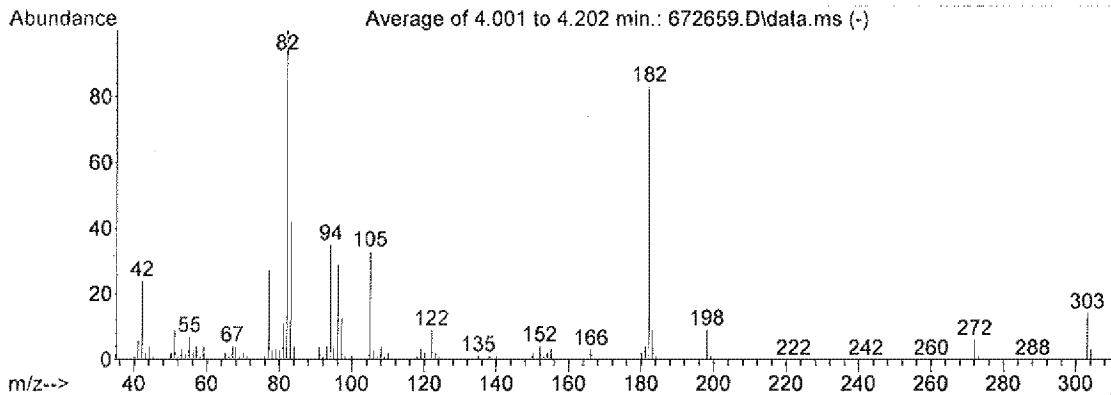
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672659.D
Operator : DJR
Date Acquired : 20 Aug 2009 22:53
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 59
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

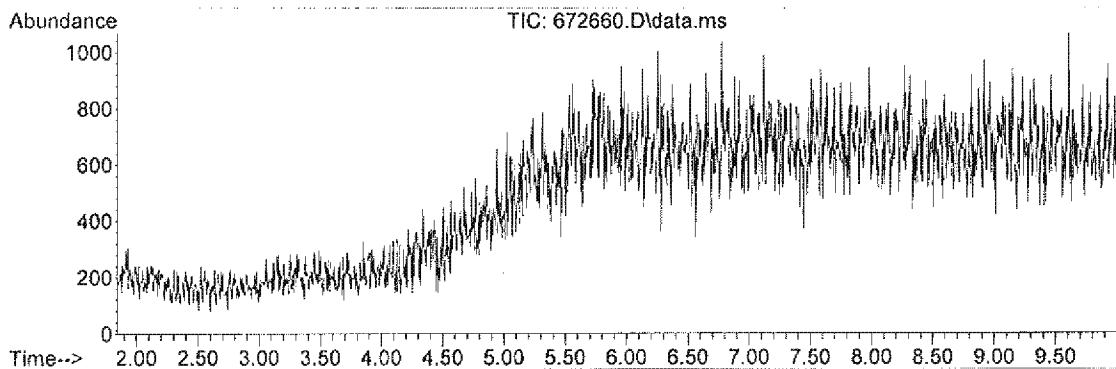
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672660.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:06
Sample Name : BLANK
Submitted by : DCS
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE

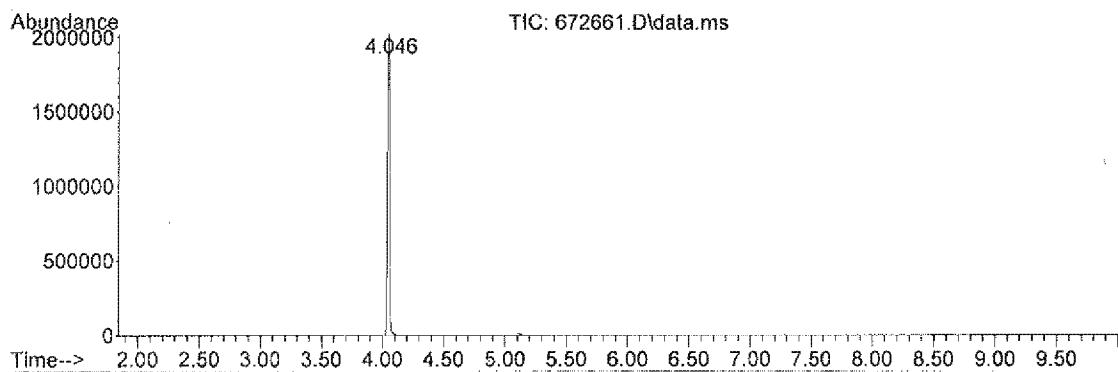


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672661.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:20
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 61
AcquisitionMeth: DRUGS
Integrator : RTE



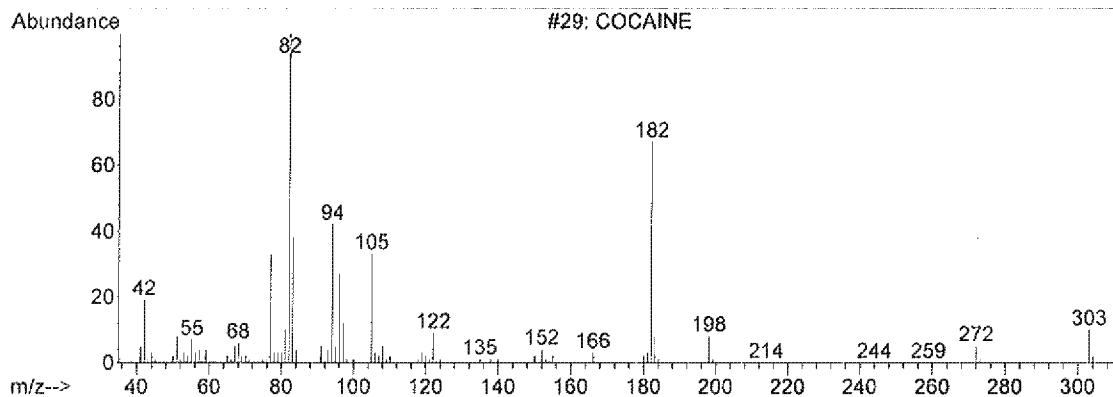
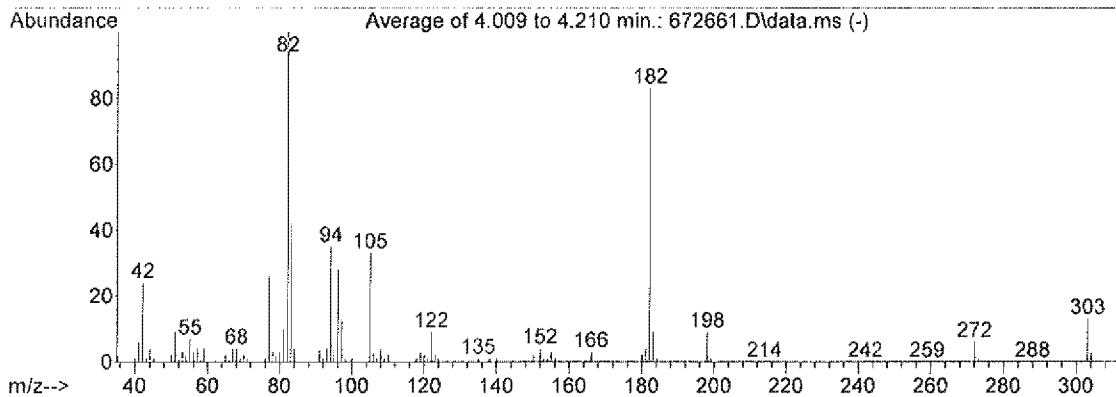
Ret. Time	Area	Area %	Ratio %
4.046	2830123	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672661.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:20
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 61
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

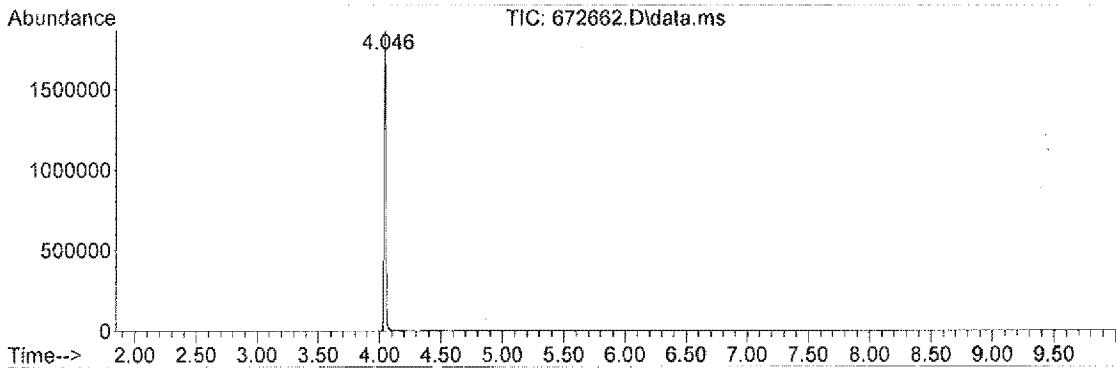
PK#	RT	Library/ID	CAS#	Qual
1	4.05	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672662.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:34
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 62
AcquisitionMeth: DRUGS
Integrator : RTE



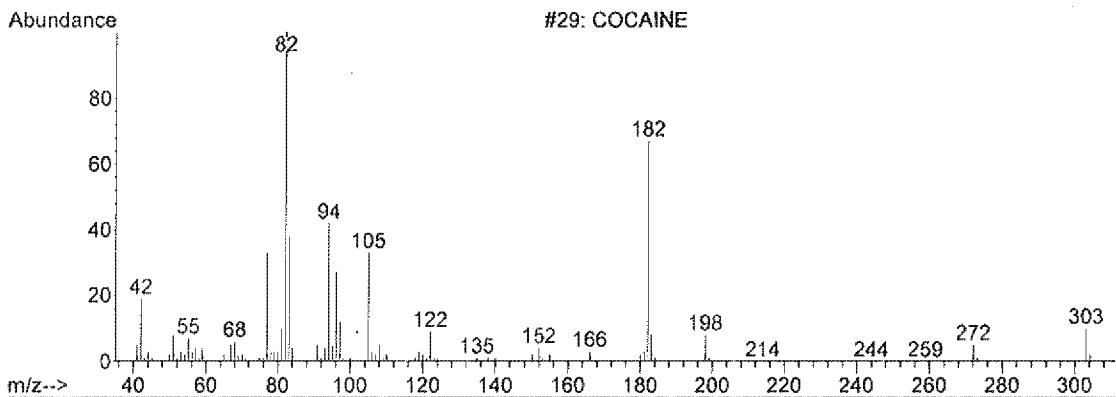
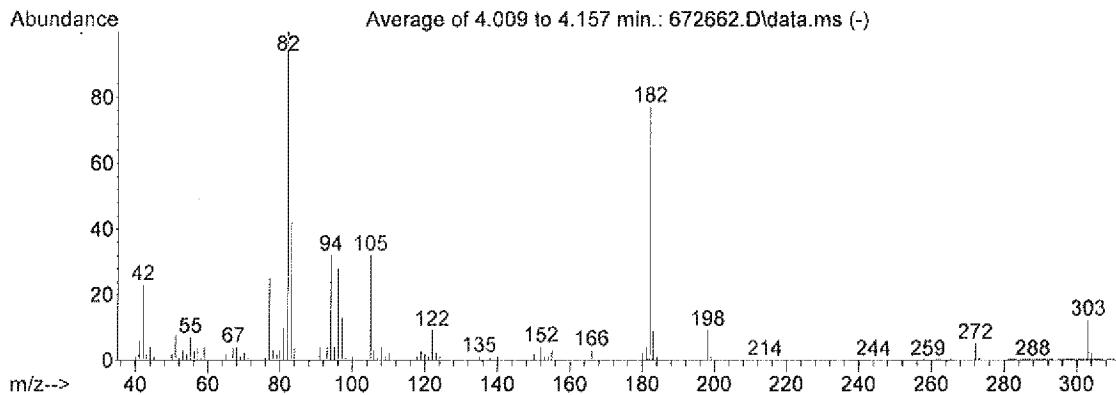
Ret. Time	Area	Area %	Ratio %
4.046	2023787	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672662.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:34
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 62
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

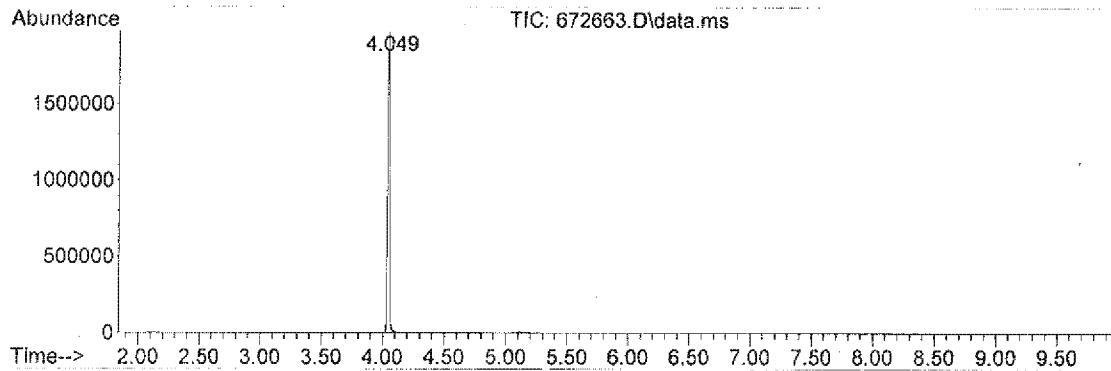
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672663.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:48
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 63
AcquisitionMeth: DRUGS
Integrator : RTE



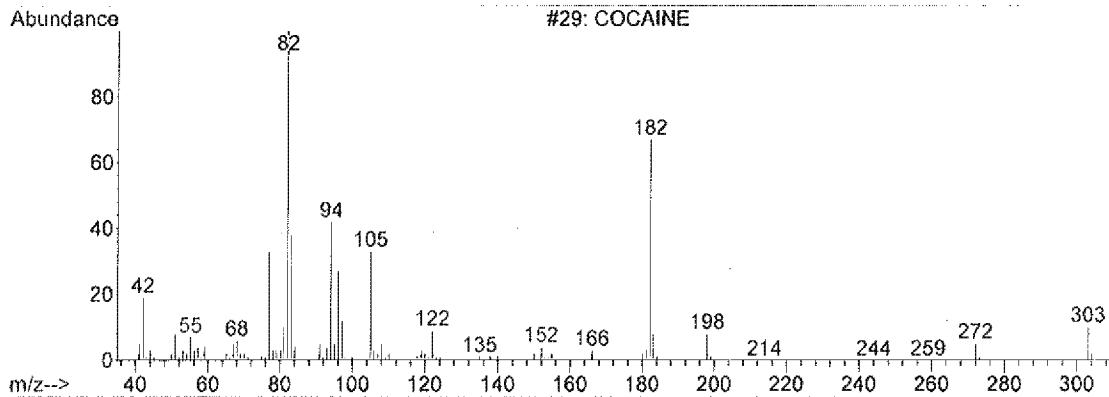
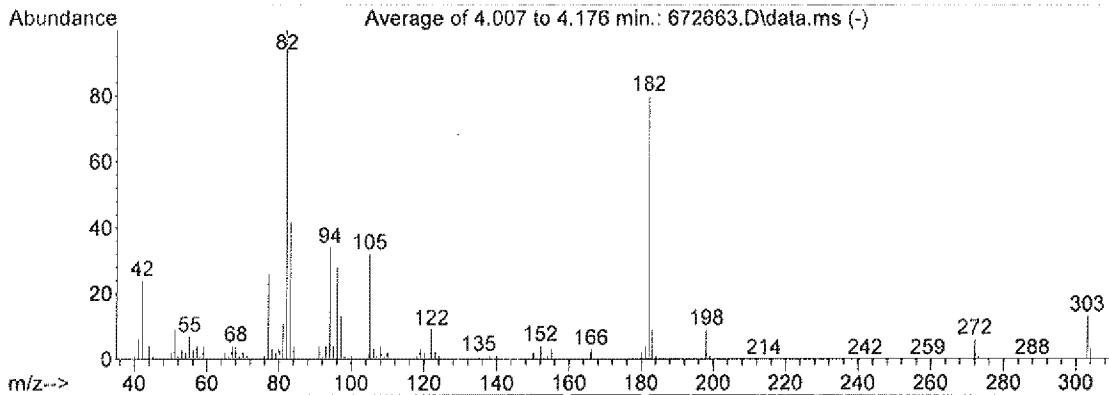
Ret. Time	Area	Area %	Ratio %
4.049	2552882	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672663.D
Operator : DJR
Date Acquired : 20 Aug 2009 23:48
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 63
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

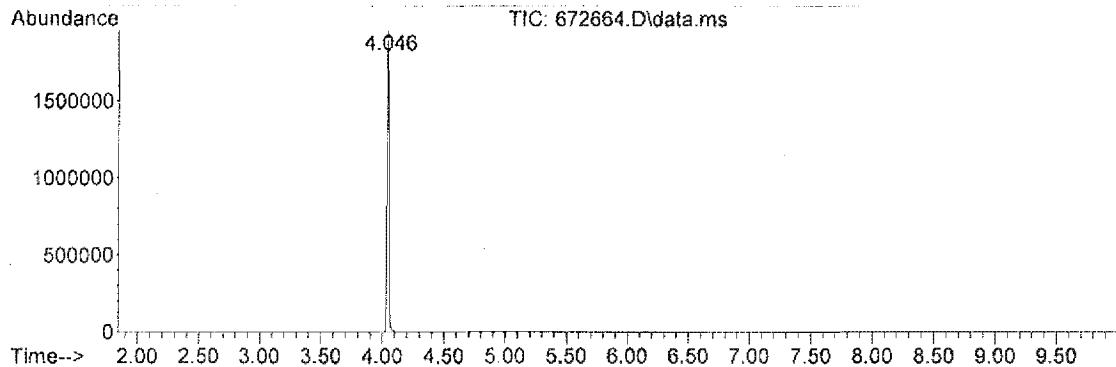
PK#	RT	Library/ID	CAS#	Qual
1	4.05	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672664.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:01
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 64
AcquisitionMeth: DRUGS
Integrator : RTE



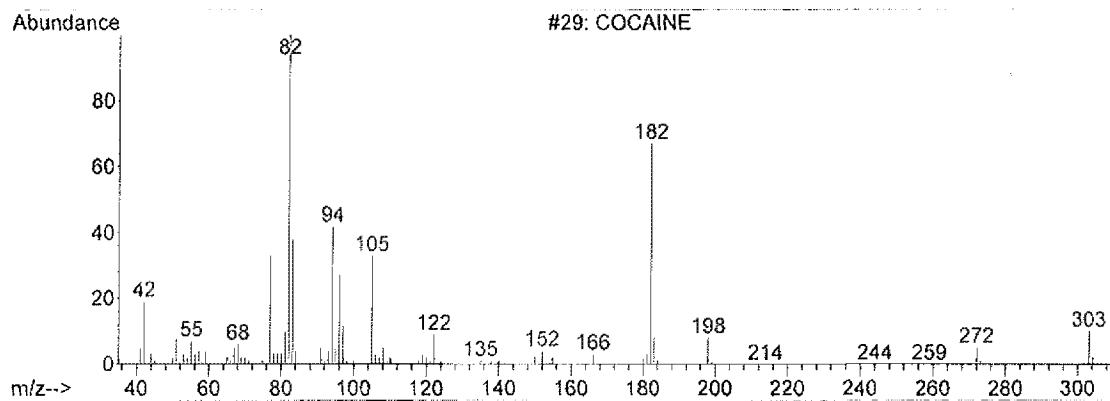
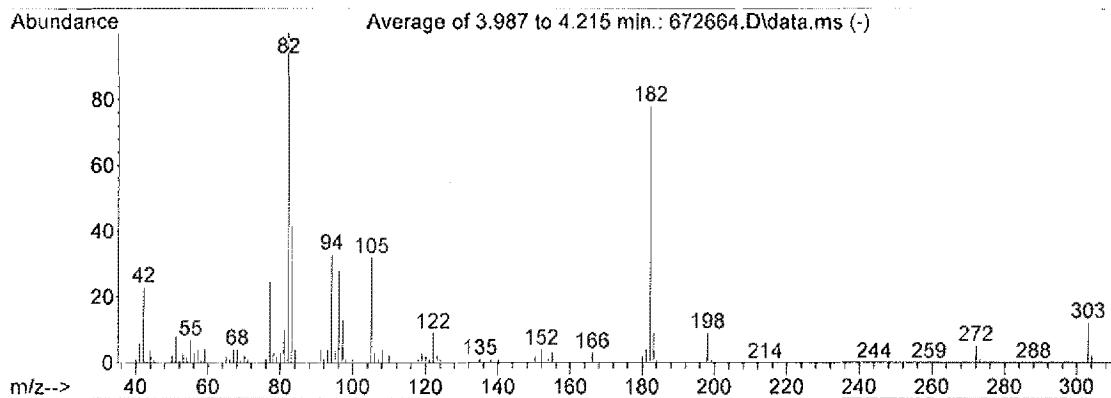
Ret. Time	Area	Area %	Ratio %
4.046	2251293	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672664.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:01
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 64
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

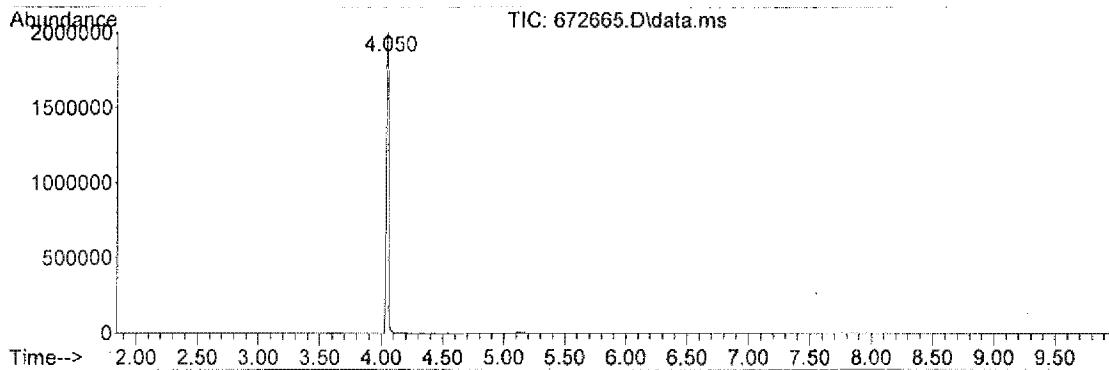
PK#	RT	Library/ID	CAS#	Qual
1	4.05	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672665.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:15
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 65
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.050	2672208	100.00	100.00

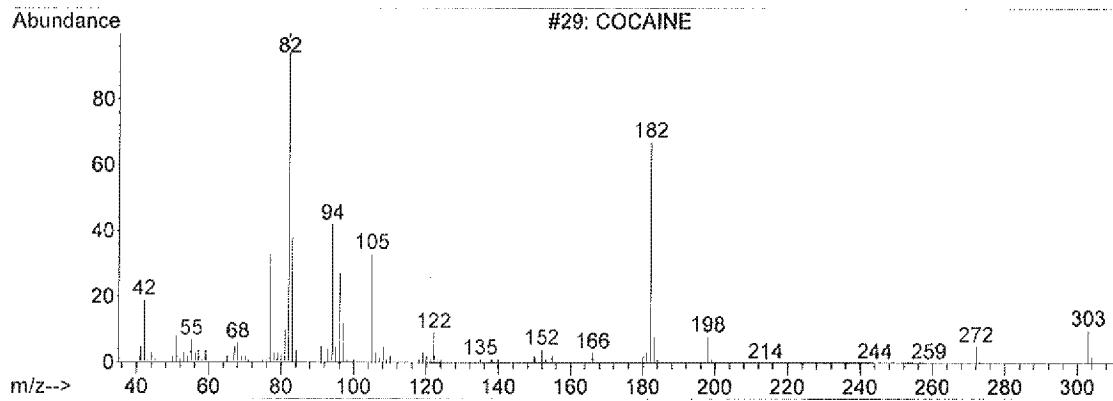
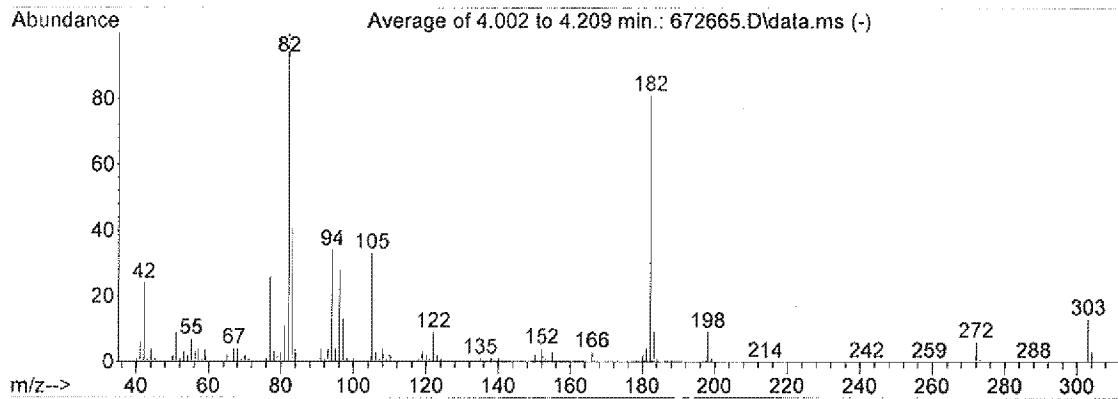
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672665.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:15
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 65
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

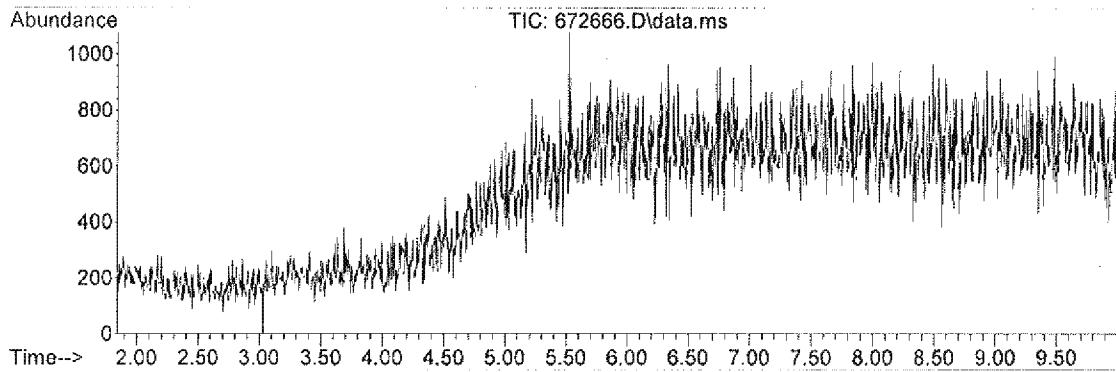
PK#	RT	Library/ID	CAS#	Qual
1	4.05	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672666.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:29
Sample Name : BLANK
Submitted by : DCS
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



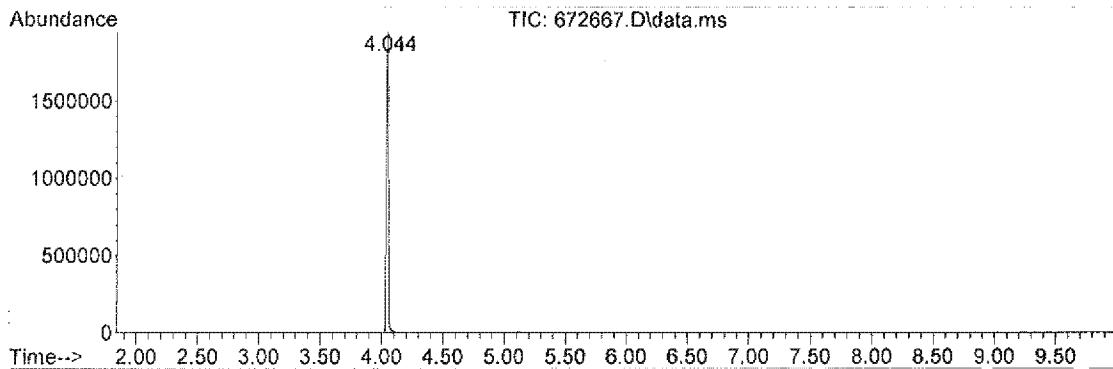
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672667.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:43
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 67
AcquisitionMeth: DRUGS
Integrator : RTE



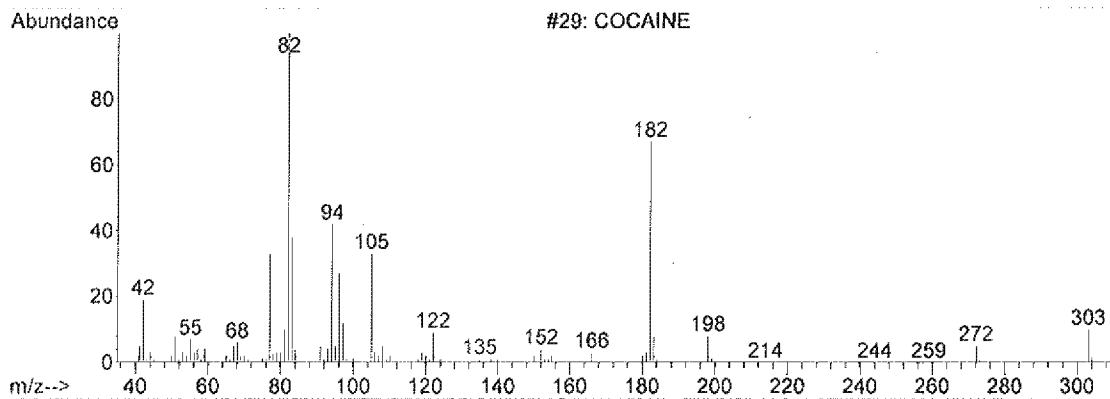
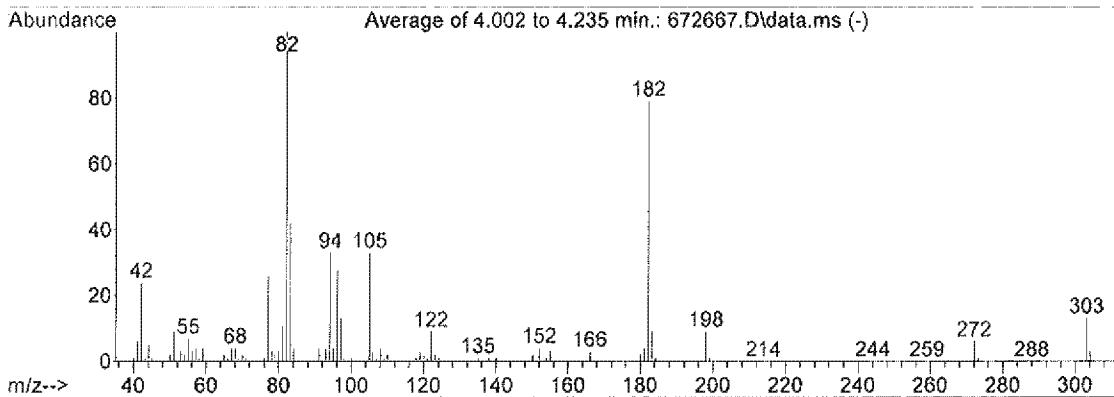
Ret. Time	Area	Area %	Ratio %
4.044	2287680	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672667.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:43
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 67
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

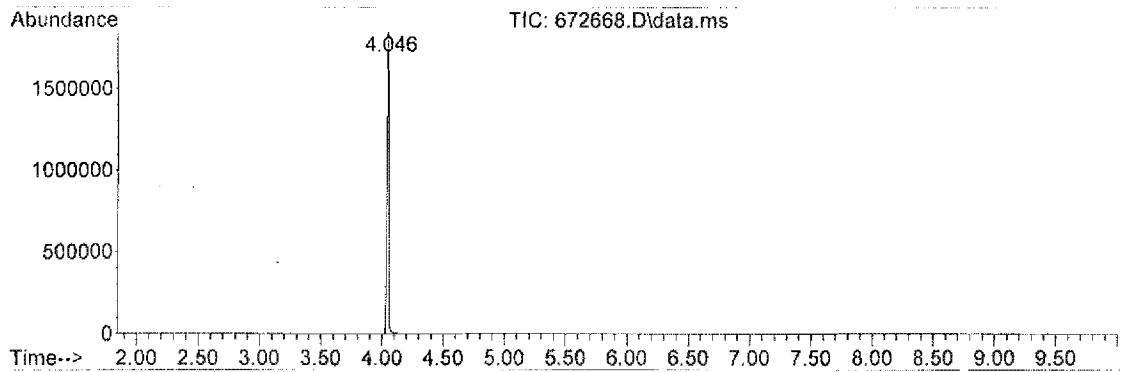
PK#	RT	Library/ID	CAS#	Qual
1	4.04	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672668.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:57
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 68
AcquisitionMeth: DRUGS
Integrator : RTE



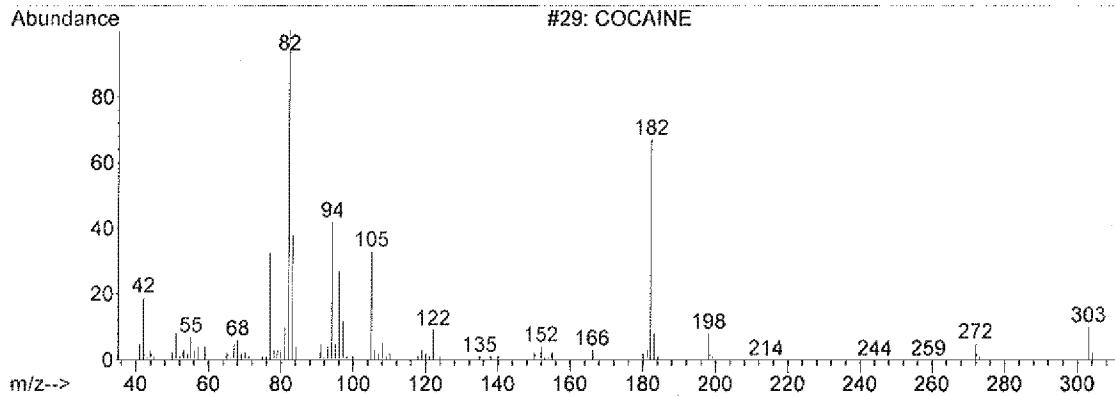
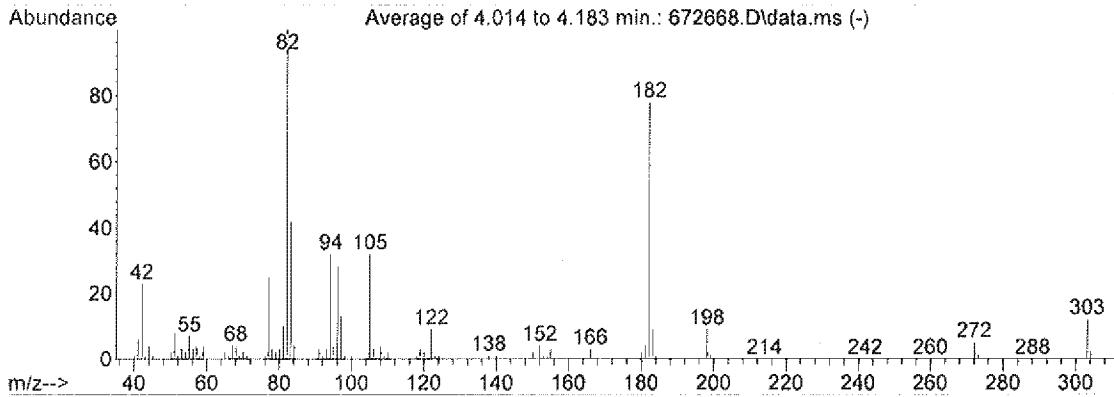
Ret. Time	Area	Area %	Ratio %
4.046	1984025	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672668.D
Operator : DJR
Date Acquired : 21 Aug 2009 00:57
Sample Name : XXXXXXXXXX
Submitted by : DCS
Vial Number : 68
AcquisitionMeth: DRUGS
Integrator : RTE

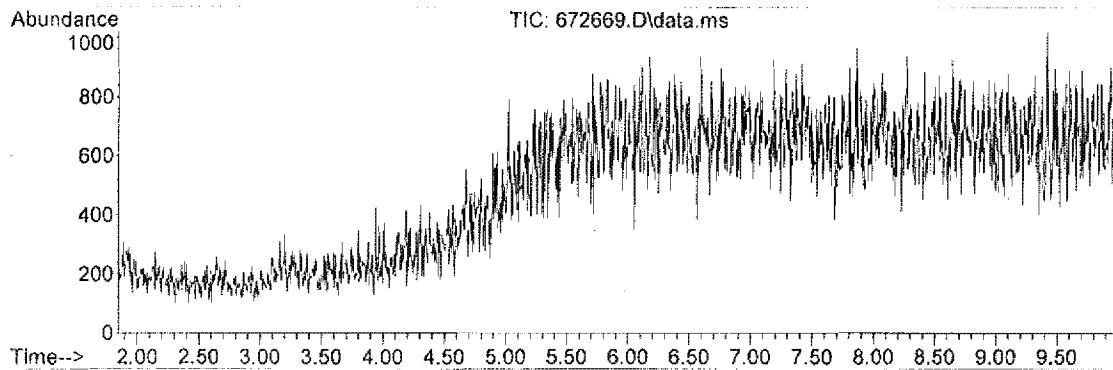
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.05	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672669.D
Operator : DJR
Date Acquired : 21 Aug 2009 1:10
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



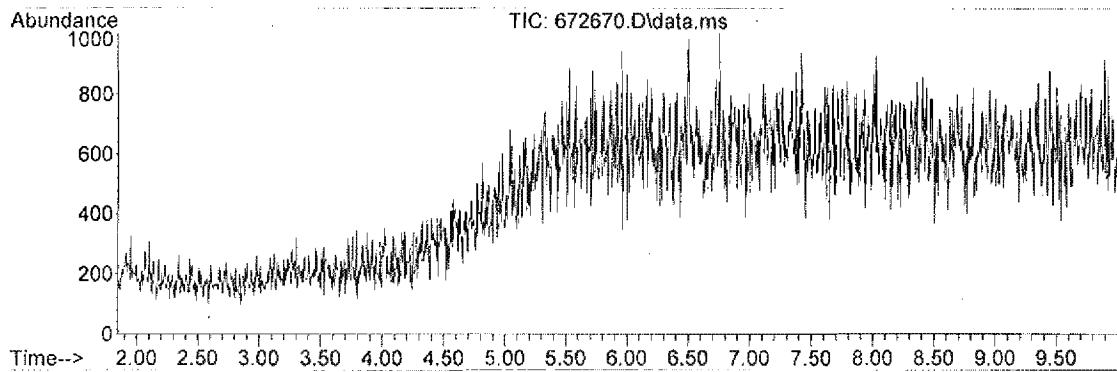
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672670.D
Operator : DJR
Date Acquired : 21 Aug 2009 1:24
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



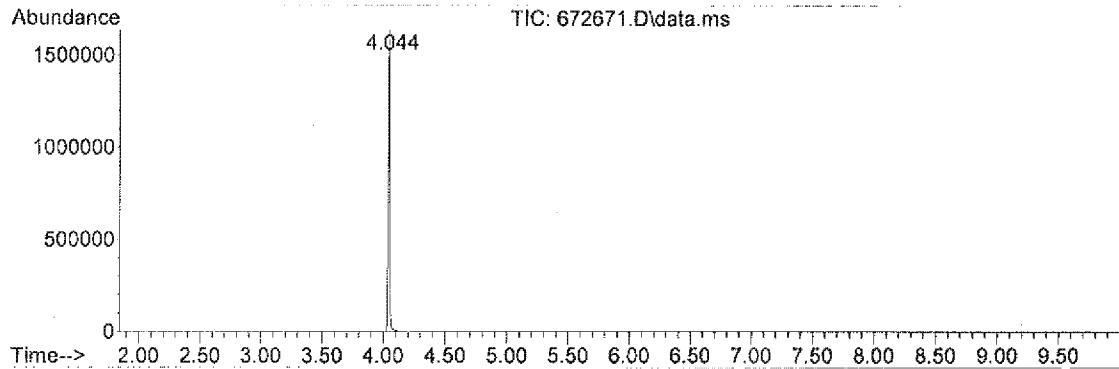
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672671.D
Operator : DJR
Date Acquired : 21 Aug 2009 1:38
Sample Name : COCAINE STD
Submitted by :
Vial Number : 71
AcquisitionMeth: DRUGS
Integrator : RTE



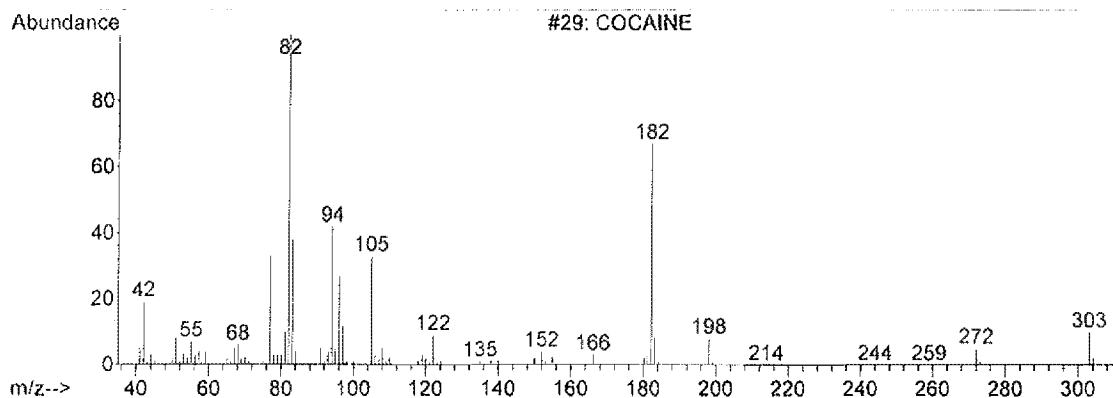
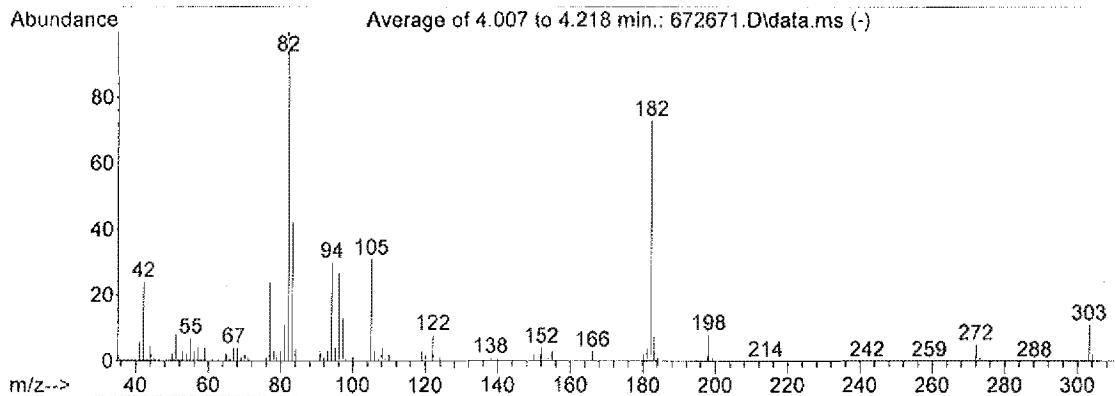
Ret. Time	Area	Area %	Ratio %
4.044	1431242	100.00	100.00

Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672671.D
Operator : DJR
Date Acquired : 21 Aug 2009 1:38
Sample Name : COCAINE STD
Submitted by :
Vial Number : 71
AcquisitionMeth: DRUGS
Integrator : RTE

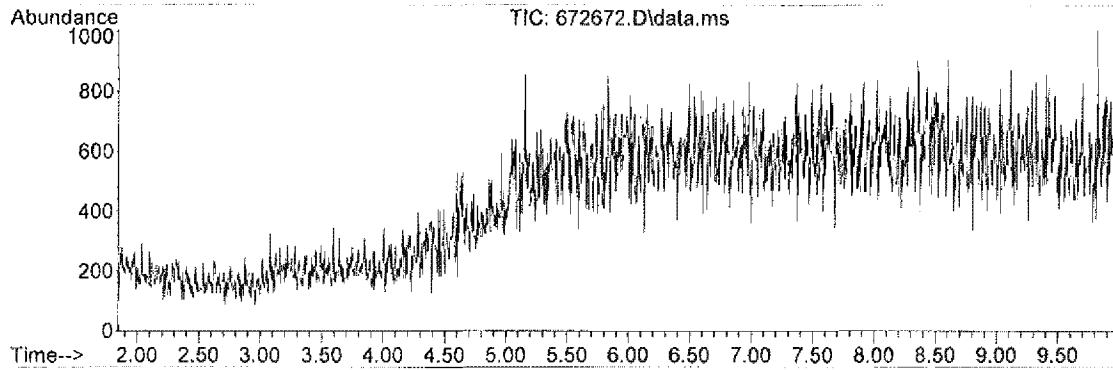
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.04	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q3-2009\System4\08_20_09\672672.D
Operator : DJR
Date Acquired : 21 Aug 2009 1:51
Sample Name : BLANK
Submitted by : LAG
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS